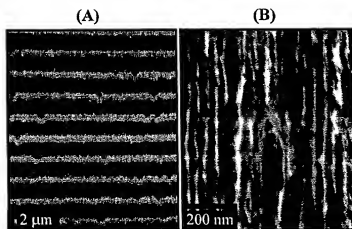
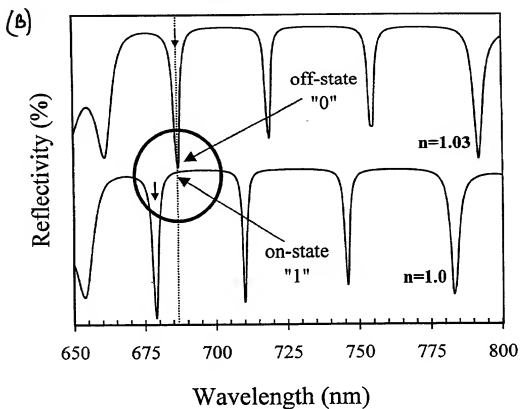
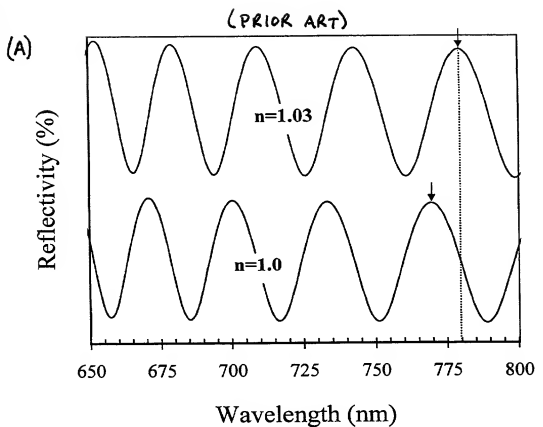


**Figure 1**

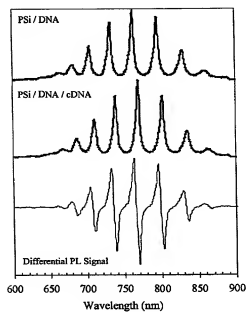


**Figure 2A-B**

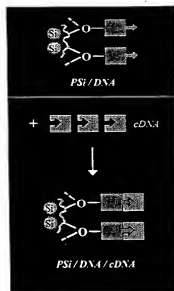


Figures 3A-B

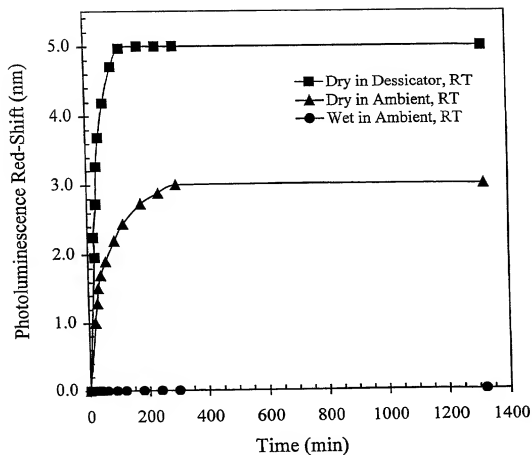
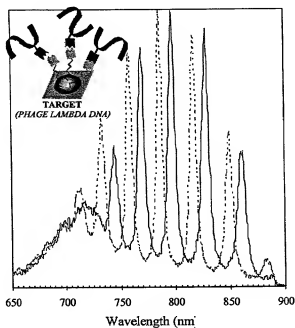
Normalized  
Photoluminescence  
Intensity (a.u.)

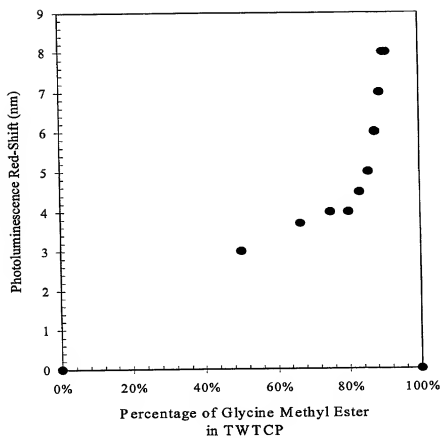


**Figures 4A**

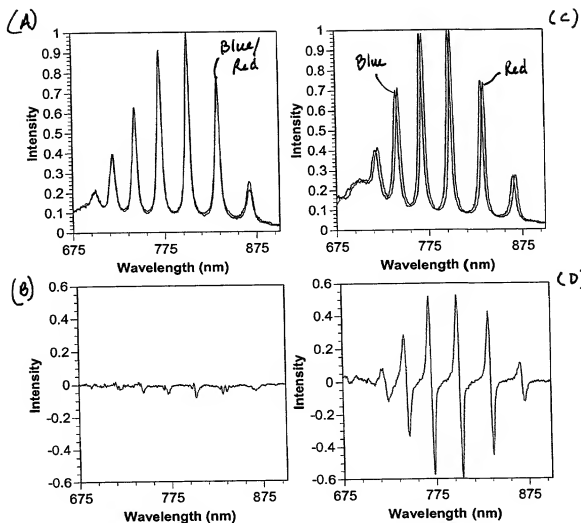


**Figures 4B**

**Figure 5****Figure 6**



**Figure 7**



Figures 8A-D

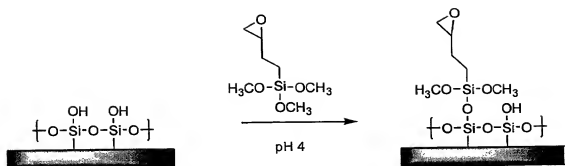


Figure 9A

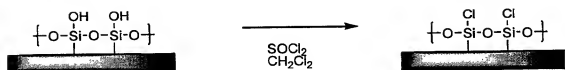


Figure 9B

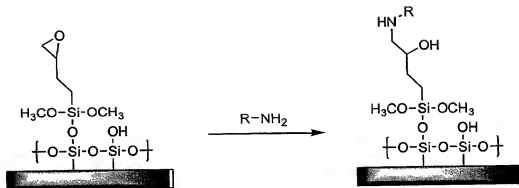


Figure 10A

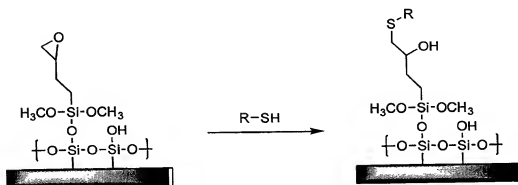


Figure 10B

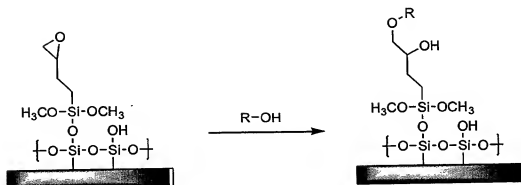


Figure 10C



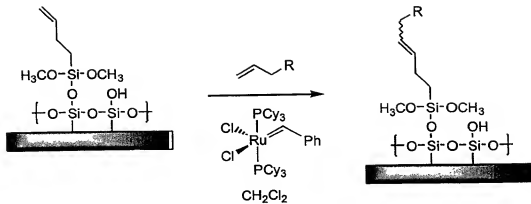


Figure 10D

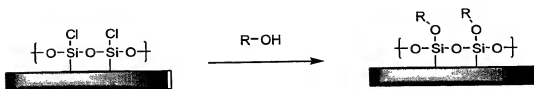


Figure 10E

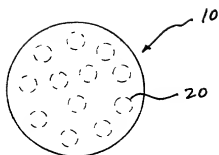


Figure 11

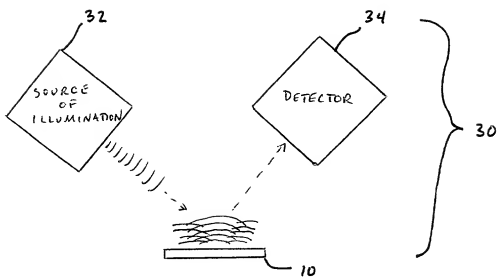


Figure 12